

FORM PTO-1390
(REV. 12-2001)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

4780/PCT

U.S. APPLICATION NO. (Unknown, see 37 CFR 1.5
to be assigned - unknown
10/509196

INTERNATIONAL APPLICATION NO.

PCT/JP03/04044

INTERNATIONAL FILING DATE

28.March 2003 (28.03.2003)

PRIORITY DATE CLAIMED

04.April 2002 (04.04.2002)

TITLE OF INVENTION

Diamond Blade

APPLICANT(S) FOR DO/EO/US

Akihiro KOIKE, Takahiro HIRATA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. ☐ The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☐ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). The translation
 - a. ☒ is attached hereto, along with a Translator's Declaration. is accurate.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) (3 pgs.).
10. ☐ An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98, Form PTO-1449, copy of Int. Search Report, 3 English Abstracts.
12. ☒ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A FIRST preliminary amendment.
14. ☐ A SECOND or SUBSEQUENT preliminary amendment.
15. ☐ A substitute specification.
16. ☐ A change of power of attorney and/or address letter.
17. ☒ Other items or information:
 - a. a return receipt postcard;
 - b. Form PTO-2038;
 - c. 8 sheets of formal drawings with 20 Figs.

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EV 511 024 001 US
SEPTEMBER 24 2004

NOTE: The priority of Japanese Patent Application 2002-102242, filed in Japan on April 4, 2002 is claimed for the present application under 35 USC §119.

NOTE: The entire disclosure of PCT International Application PCT/JP03/04044 is incorporated herein by reference.

NOTE: This Application has been assigned to: A.L.M.T. Corp. of: 23-5, Kitaueno 2-chome, Taito-ku, Tokyo 110-0014 Japan. The Assignment is being submitted herewith for recordal.

NOTE: Please print the Assignee data with the Published Application.

| | | | | | |
|--|--|--|--|---|--|
| U.S. APPLICATION NO. (if known) 10/509-196 unknown to be assigned | | INTERNATIONAL APPLICATION NO. PCT/JP03/04044 | | ATTORNEY'S DOCKET NUMBER 4780/PCT | |
|--|--|--|--|---|--|

| | | | | | |
|---|--------------|--------------|-----------|----------------------------------|------|
| 21. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)): Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO. \$1840.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO \$920.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) \$710.00 International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) \$1000.00 ENTER APPROPRIATE BASIC FEE AMOUNT = | | | | CALCULATIONS PTO USE ONLY | |
| | | | | \$ 920.00 | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ 0 | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | \$ 0 | |
| Total claims | - 20 = | | x \$18.00 | \$ 0 | |
| Independent claims | - 3 = | | x \$84.00 | \$ 0 | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | | + \$280.00 | \$ 0 |
| TOTAL OF ABOVE CALCULATIONS = | | | | \$ 920.00 | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. | | | | \$ 0 | |
| SUBTOTAL = | | | | \$ 920.00 | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | \$ 0 | |
| TOTAL NATIONAL FEE = | | | | \$ 920.00 | |
| Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | \$ 40.00 | |
| TOTAL FEES ENCLOSED = | | | | \$ 960.00 | |
| | | | | Amount to be refunded: | \$ |
| | | | | charged: | \$ |

a. ☐ A check in the amount of \$ _____ to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees.
 A duplicate copy of this sheet is enclosed.

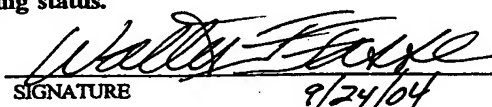
c. ☒ The Commissioner is hereby authorized to charge any/deficiency in or any additional fees which may be required, or credit any
 overpayment to Deposit Account No. 50-0507. A duplicate copy of this sheet is enclosed.

d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card
 information should not be included on this form. Provide credit card information and authorization on PTO-2038.

NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR
 1.137 (a) or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO: *The Power of Attorney*
CUSTOMER NO.: 021553 *is to CUSTOMER NO. 021553*

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SEPTEMBER 24 2004


 SIGNATURE *9/24/04*
 Walter F. Fasse - 09/24/04
 NAME
 36132
 REGISTRATION NUMBER